

David John CHATTING, *et al.*
Serial No. 10/556,459
October 14, 2008

AMENDMENTS TO THE SPECIFICATION:

Page 1, insert the following headings and paragraph immediately preceding the sub-heading “Technical Field”:

RELATED APPLICATION

This application is related to U.S. Serial No. 10/556,455 filed November 10, 2005, and naming as inventors David John Chatting, Jeremy Michael Thorne and Charles Nightengale.

BACKGROUND

Page 1, line 3: change the sub-heading “Technical Field” to:

1. Technical Field

Page 1, line 7: delete “Background to the Invention and Prior Art” and insert the following sub-heading:

2. Related Art

Page 1, please amend the paragraph commencing at line 8 as follows:

Automatic caricaturing methods and systems are already known in the art.
Brennan, S. E. in "Caricature Generator: The Dynamic Exaggeration of Faces by

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Computer." Leonardo, Vol.18 no.3 Vol. 18, no. 3, pp. 170-178, describes a computational model of caricature which allowed a two-dimensional line-drawn caricature to be generated from photographs. The user traces over the original image (by placing a set of markers over the image) to generate a veridical line drawing of the subject. An example of such an original image and the resulting veridical line drawing are shown in Figures 11(a) and 11(b). Here, an original image as shown in Figure 11(a) results in a veridical line drawing as shown in Figure 11(b).

Page 2, line 25: delete "Summary of the Invention" and insert the following heading:

BRIEF SUMMARY

Pages 2-3, bridging paragraph:

In order to address the above problem, the present invention provides exemplary embodiments provide a method of generating a caricatured image which takes into account facial features, and applies caricaturing to each feature area independently. This is achieved by defining within a reference image predefined feature areas, and then finding corresponding areas in an input image to the reference feature areas. A caricatured image is then generated by taking points within the input image in turn, and

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determining within which feature area a point lies. A corresponding caricature point can then be found depending upon the feature area in which the point was found to lie. This has the effect of applying caricaturing transformations on a feature-by-feature basis. Moreover, the transformations applied preferably comprise translations and scalings, such that the resulting shape of each feature is not distorted.

Page 4, line 18: change “Brief Description of the Drawings” to the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 5, line 21: change “Description of the Embodiment” to the following heading:

DESCRIPTION OF EXEMPLARY EMBODIMENTS

**Page 18, line 1: delete “CLAIMS” and insert the following heading:
WHAT IS CLAIMED IS:**